

Application Information for Earth Science Teacher Award

The American Association of Petroleum Geologists Foundation will award \$5,000 at the April 2006 AAPG Annual Convention in Houston, Texas to an individual teacher for *Excellence in the Teaching of Natural Resources in the Earth Sciences*. The award will include \$2,500 for use under the teacher's supervision for educational purposes and \$2,500 for personal use by the teacher. Also included will be an expense paid trip to the Calgary convention to receive the award.

Requirements:

1. Minimum of three years full-time teaching experience at any K-12 level.
2. Teaching at least one unit per year on natural resources. Natural resources are defined as Earth materials used by civilization past and present such as:
 - a. Organic materials such as petroleum, natural gas, coal and oil shale.
 - b. Inorganic substances found in the Earth such as mineral ores, building stone and aggregate.
 - c. Energy resources from the Earth such as geothermal energy.
3. Teaching should include the scientific study of these resources, their origin, discovery, extraction and historic and present use. It should also include the preservation of the environment, reclamation, the conservation of resources, and the use of earth science knowledge in decision making.
4. Entries will include the teacher's philosophy and methods of the teaching of natural resources (both content and pedagogy), a description of the unit and two letters of recommendation – one from a colleague and one from an administrator.
5. Unit will be evaluated on depth and breadth of concepts (resource origin, discovery, processing, usage and reclamation), creativity of presentation and balanced treatment of information regarding societal need and environmental issues. Please include the length of the unit.

Entry Guidelines:

All documents must be provided and signatures are required on the cover sheet. Single or double-spaced lines on one side only of typed, ink jet, or laser quality printing required. All decisions of the judging panels are final.

Please note the checklist below:

- Cover sheet with original signatures.
- Teacher's philosophy (pedagogy and content) of the teaching of natural resources, two pages.
- Description of unit (two or three pages) including unit objectives and the overall science program.
- Two letters of recommendation, one page each.

Do not submit multimedia such as videotapes, computer disks, photos, photo albums, or posters unless requested later.

Important Notice:

All entries must be postmarked no later than October 1, 2005. Express mail or parcel service will be accepted if posted by deadline. Facsimile and other electronic entry forms will not be accepted.
Membership in AAPG is not required for entry.

Judging Guidelines

AAPG \$5,000 Award for Excellence in the Teaching of Natural Resources in the Earth Sciences

Required Materials

1. Cover sheet
2. Teacher's philosophy of teaching
3. Unit description
4. Letter of recommendation from colleague
5. Letter of recommendation from administrator

Note: If any of these are missing, the application should not be accepted. If time permits, the chairman can contact the teacher to request the missing items.

Award Requirement

1. Three years full-time teaching experience
2. Teaches at least one unit per year on natural resources
3. Unit fits definition of natural resources as stated in application

Note: If any of these requirements are not met, the application can be rejected.

Content Guidelines

1. Teaching should include:
 - scientific study of these resources
 - origin of resources
 - discovery of resource
 - extraction of resource
 - historic use and present use
 - conservation of resources
 - preservation of the environment
 - reclamation
 - use of earth science knowledge in informed decision making
2. Unit will be evaluated on:
 - depth and breadth of concepts
 - creativity of presentation
 - balanced treatment of information regarding societal need and environmental issues
 - clarity and accuracy of expression
 - overall excellence in teaching

Additional Comments

1. Since AAPG's main focus is on energy resources development, teachers who include subjects in this area should receive special consideration.

In concert with the 1996 National Science Education Standards, a teacher's use of the inquiry approach in teaching should be given extra consideration

Entrant Information Cover Page

AAPG \$5,000 Award for Excellence in the Teaching of Natural Resources in the Earth Sciences

(This electronic form's field will expand as you type. Simply hit your TAB key or click your mouse to navigate through the fields. Once completed, please print, sign and submit to the address below.)

Name _____ School _____
School Address _____
City _____ State _____ Zip _____
Home _____
City _____ State _____ Zip _____
Telephone numbers (home) _____ (work) _____
E-mail _____
Current position and grades taught _____
Number of years teaching _____ Other subjects taught _____
Degree and year earned _____ University/College _____

The above information and information contained in this entry is, to the best of my knowledge, true and correct. I understand that \$2,500 of the award will be made to my school for use under my direction only. I also understand that \$2,500 of the award will be made directly to me and I am responsible for all taxes due as a result of this portion of the award. If I am a winner I hereby give my consent to use my name and photograph for publicity purposes only.

Signature _____ Date _____

The above information and information contained in this entry is, to the best of my knowledge, true and correct and represents the teacher's current assignment. I understand that \$2,500 of the award will be made to the above named school for use only under the direction of the above named teacher. I also understand that \$2,500 of the award will be made directly to the above named teacher and that neither I nor my school is responsible for taxes due as a result of this award. Release time will be given to the above named teacher to attend the award ceremony if selected.

Administrator _____ Position _____ Date _____

Entries must be postmarked by October 1, 2005.

**Attach this form to the top of your entry and mail original and two copies to
Don Harris: dharris@sinclairoil.com**